



THE BLURB

PHILMONT MOBILE RADIO CLUB INC.

October
1960

ANNUAL AUCTION *Time*
OCTOBER-3RD



BE THERE, FOR THE BEST BUY OF THE YEAR!
AND HELP MAKE IT A REAL SELL OUT!

THE BLURB

Published Monthly by the
Phil-Mont Mobile Radio Club, Inc.

VOLUME 10

OCTOBER 1960

No. 10

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The "BLURB" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep news accurate, interesting and in a small way educational. Any deviation from this is unintentional. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "BLURB" is mailed on the last Monday of the month. All material for the "BLURB" must be received by the Editor, ZPP, before the fifteenth of the month.

1960 CLUB OFFICERS

PRES. Hymen N. Hecht W3WNC
V. PRES. Lloyd Sherman W3CDY
SEC'Y Charles Greenwood W3GOW
TREAS. Tom Donnelly W3VCE
BRD. of DIR: W3's NLP, VVS, QQH, AWH, AK
and all 1960 Club officers

MEETINGS

Regular meetings are normally held on the 1st Monday of the month. Check Calendar at right for the exact date. Meetings are held at the FRANKLIN INSTITUTE at 21st Street and the Parkway, starting at 2000 hours (8:00 P.M.)

NET AND NET FREQUENCIES

CH 1 - 29493 Kcs. Ch 3 - unassigned
CH 2 - 29626 Kcs. CH 4 - 50.7 mcs.
Scrambled egg net Weekdays 0730-0830
Ten on Ten Sundays 1000-1100
Blarney Sessions Anytime CH 1 or 2
29493 is monitored daily 0930-2400
for the benefit of mobiles in the Phila area

FMRC CALENDAR OF EVENTS

OCT 3 REGULAR MEETING
8 P.M. Franklin Institute
ANNUAL AUCTION

OCT 12 MID-MONTH MEETING
Qth W3WNC
2242 Cambridge Road
Broomall, Pa.

NOV. 12 PHIL-MONT BANQUET
Wm. Penn Inn

SEND ALL COMMUNICATIONS FOR THE BLURB
TO THE EDITOR, W3ZPP

THE PREZ SEZ:

As predicted last month, ham activities are picking up. The next three months promise some interesting activities.

This month, Phil-Mont has its annual auction. These auctions have always been of great interest to the Hams in the area. As a suggestion-don't miss this auction and don't let your friends miss it either. Bring with you two items - your ham gear and your money, so that you can buy and sell.

Starting on the 23rd through the 27th of October, Phil-Mont will participate in the U N Week. From all indications, this U N Week will rely more heavily on Ham Radio than ever before, so keep your ear to Channel 1 for developments.

On November 12th, Philmont has its annual Banquet. These Philmont Banquets have always been gala affairs and this one is going to be no exception. There will be good food, fine friends, prizes and dancing. Here again, I would like to suggest that all of you come to the banquet and bring your friends.

Now in December, Phil-Mont has election of officers. Elections are always fun - what with Campaign speeches, Campaign promises, and Campaign slogans! I wouldn't miss this one for all the DX 100's in Benton Harbor!

Along with all these major activities, there is always the interesting chit-chat on the frequency..... I look forward to all of these, as I am sure you do too.

de W3WNC

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CAUTION

CAUTION

CAUTION

CAUTION

CAUTION ALL PHIL MONT MOBILES

DO NOT TRANSMIT in the Franklin Institute parking lot. Phil Allen warns that there is now a locker in the lot containing Electro-Initiators used by the research lab at the institute. SO PLEASE DO NOT TRANSMIT WHILE ON THE PARKING LOT.

MOST VALUABLE MEMBER

Come to the October meeting prepared to vote for the fellow you think is the most valuable member of Phil-Mont in 1960. W3VVS will hand out the ballots and count them. With the auction that night, it will be a busy one so think it over now and decide who deserves the award this year. We have many fellows who work for Phil-Mont all during the year - this is your chance to let one of them know that his efforts are appreciated, that you like what he is doing for your club.

NOMINATIONS ARE COMING UP

If you remember the article I wrote last month and the cover I had made to go with it, to try to impress upon you the importance of 1961 and Phil-Mont, you know that soon you will be asked to vote for new officers. The committee for nominations are AWH, GNM, YHV, HLJ and D&G. If you have some choices get together with one of these fellows and make your choice known to them. They will appreciate your cooperation.

AUCTION

AUCTION

AUCTION

BARGAINS

GALORE

NOVEMBER 12th Phil-Mont Annual Banquet

Keep the date open and get your tickets early. Wm. Penn Inn is the place and the committee is NIP, QQH, VVS, CSS, YJM. With these boys heading it up, you're sure to have a good time. Don't miss it and bring your friends. We have the big room this year, so the more the merrier.

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NET COURTESY

Checking in the Net each Sunday morning, people miss their regular turn on the roll call for some reason or another. Perhaps they sleep late or maybe they are away from the rig when their call is asked for. No matter what the reason for missing is, the station should wait until the second go-round to check in. Out of courtesy for the NCS, (you throw him off stride) and also to be fair to other stations who are waiting their turn. Breaking in whenever you are ready, no matter where the NCS is calling, is impolite. No gentlemen would upon arriving late for a function jump in front of the line. Why do it on the net???? You always have the late comers call to check in. If you are mobile or there is emergency traffic, that is another story. Let's brush up on our manners. Give your Net Control Station your cooperation.

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DIRECTORY CHANGE

Tom Donnelly W3VCE
219 NO. 63rd Street
Philadelphia 39 Pa.

Bus- GL 7-0025
Home- GR 2-9252

.....

DEVON SCOUTING FAIR

October 13 and 14 - Activity will be maintained on 2, 10, 40 and 80 meters. Monitoring on Channel 1 - Purpose of this demonstration is to make the public and the Boy Scouts aware of the possibilities of Ham Radio - Contacts will be greatly appreciated. Calls KN3MBR, KN3LUI, KN3LUH, W3EQV.

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U N WEEK OCTOBER 23 to 29

The Council of Amateur Radio Clubs of Delaware Valley has been asked to establish and operate amateur radio as before in 1959. This year however, U N Week is to be opened with amateur radio as a highlight and the Mayor of Philadelphia in the scene with us. A change of location from 30th Street Station was requested to the center of the city. This has not been solidified to date and therefore two places of operation will be planned to the pleasure of the U N Committee. As chairman for this council on U N, I attended a city U N committee meeting Tuesday September 20th, at which time it became apparent that the center of attention is placed on the HAM. This event now will give the amateur the best publicity possible with U N support, if we properly support this week-long event. If we fail, we will suffer much in the eyes of many. This is your chance to do your part and also to see and work new gear. Give it your support.

de W3CDY

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A NEW CERTIFICATE

(Florida Skip)

A "Freeloaders" certificate is being offered by KIRNS/RNR to those furnishing proof of 10 visits to fellow hams who allow them to sponge, bum, beg or otherwise secure food and

buildings free of cost. Proof may be in the form of letter or QSL. The purpose is to promote more eyeball QSO's. K6JP (formerly K4BR) has received the first certificate granted. All visits must be made after January 1st 1960.

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SOMETHING NEW HAS BEEN ADDED

A new ham magazine, the kind we have been looking for. To be known as "73", and published by Wayne Green. I had a letter from Wayne telling us about the coming magazine and some of it's policies. 1- "We're not mad at anybody", 2- that "73" will bring technical and construction articles to the amateur covering the entire gamut of interests, 3- Talented writers have not contributed to ham radio because in the present system he either gets no pay at all or has to wait several years for it; 73 expects to pay for articles and get good writers, 4- The SEC permitting, 73 expects to make ownership open to all amateurs, 5- 73 expects to promote bulletins such as the CQ News Bulletin sent to all editors of papers and presidents of clubs. Wayne also listed some of the articles in coming issues and they sure look good from here. Subscription rate \$3.00 per year, \$5.00 for two years and \$7.00 for three years. Send to 73 Magazine 1379 East 15th Street, Brooklyn 30, N.Y.

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Amateur radio exists because of the service it renders. is a phrase that appears quite often in ham papers we swap with that are published in the Mid-West. We do not know where the phrase originated but it certainly is true. Unless ham radio performed some service it simply could not exist alongside all the fierce competition for spectrum space. However let's look at it from another angle....a radio service that performs a service has a right to exist. You can't have one without the other. Indeed the FCC is required to issue a license to any station that will exist for the public convenience, interest and necessity. Ah! but there's the rub! Read on.

An upstart service that has exceed the amateur in numbers before it hardly got out of its fledgling clothes is the Class D Citizens Band. Most hams pay little or no attention to this service, those that do are inclined to elevate their proboscis, assume an attitude of arrogance and walk past. But if you will stop and consider for one moment the potential existing there for performing a worthwhile service you will find that without question the occupants of that band can far eclipse the amateur un performing what we choose to call a "local emergency service". By local we mean any communication service where the mass of the amateur and long distance communication is not involved. Let's look at a f'rinstance. Suppose you are driving down the road and happen upon a very bad accident. You have a perfectly good mobile rig in your car capable of 50 watts or so. You are not QSO at the moment. Can you raise anyone for assistance short of fifteen minutes? It does happen on rare occasions but for the most part your rig is useless for this purpose. Yet one of these upstart CB boys running less than five watts will pull alongside and raise a contact in less than fifteen seconds. Why? Simply because all of these licenses are confined to a small spectrum space and even this is channeled with .005 tolerance. So the CB mass is all listening to the same band. Further, unlike Mom and the kids of the usual ham family, anyone handy can answer the CB call. (Did you ever hear the gals on in the daytime? In numbers they'd set any YL net to shame). So when the CB rig pulls alongside all he has to do is get on the "local" channel (he knows which one it is), give a simple call and get an answer.

One increasingly reads of these incidents in the newspapers. Many happen that do not reach the papers. How long do you suppose it will be before some eager beaver starts keeping a list of these incidents over a period of time and then suddenly petitions the FCC for additional frequencies? After all, says the man, there are as many CB's as there are amateurs performing a documented worthwhile service on only a very few channels as opposed to a relatively few amateurs occupying one-thousand two hundred kilocycles (10 meter band) who do nothing but yak about nebulous and unimportant things such as the price of straw-berries at the Farmers Market. Can the amateur successfully cope with such an argument?

Not unless they can perform a like service with dispatch.

Surprising as it may seem the amateur has resisted in every way the idea of setting up a real honset to goodness method of calling, and this editor has had some personal experience along this line.

In 1949, one of our local boys did the exact thing of the previous example. He was traveling Suitland Parkway in the wintertime and it was frozen over. Two cars had collided head-on and people were laying all over the road. Although it was early evening (9:00) he couldn't raise a soul. From this the autocall* device was born. Ye Ed "developed" this device so that a mobile (or fixed station for that matter) could call an autocall equipped station at any time of the day or night. In its final form it consisted of a nine tube AC/DC type receiver on 29.640 Mc (components of a BC-454) followed by a "pulsing unit". Upon receipt of the proper whistled pulses, the receiver would operate a relay which could turn on the speaker, ring a bell or whatever was desired. They were discontinued in the Washington area a few years back when the band got real wide open so often, but at the height of their use, there were nine of them in the area and a mobile was sure of an instant contact, even if someone had to get out of bed (and Ye Ed did several times).

It is plain to see that QRM would foul up the thing because it would prevent it from operating on a call. In Washington, bless their hearts, co-operation could not have been better. The hams stayed off the frequency as if it were law. Yet there was one group that each time the band was open would deliberately (we can't prove it) operate on the frequency with beams headed this way. Even within ground wave distance there were certain stations that operated continually on the frequency, even though there was perhaps 500 Kc clear space. No one was going to tell THEM that they couldn't operate on 29.640 any old time they pleased. (As a sequel, autocall owners didn't have to answer anyone either! Many times when these stations wished to get into Washington they couldn't get an answer yet they knew they were being heard!)

Ye Ed sent at least 10 autocall devices to various parts of the country in the hope that they would catch on. Only in the Minneapolis/St. Paul area was there a catch (and we don't know the status today). We don't even know where those ten autocall devices are - we lost em. But corresponding with these hams indicated the locals were simply not interested.

The editor of one of our national ham magazines beat the drums for autocall (or similar) devices over many issues, but he got no-place. Several years ago the FCC brought forth a proposal for Calling and Answering frequencies, setting aside a few Kc of each band for use similar to the ship calling and answering. Do you have any idea what happened? Two enormous files of comments, and practically every last one of them opposed. The petition was dropped!

So the amateur simply does not want to give up his present pattern of operation, even in one small degree, or even a small portion of one band to perform a real service as opposed to the use of the bands for a considerable portion of unimportant, in fact many times downright silly, conversation. We certainly have no quarrel with anyone using the amateur frequencies for some worthwhile purpose (and there's many) but much of the conversation won't be defended as being important or even germane by those doing the talking!

With the advent of the Class D CB and its daily record of local emergency calls which they can handle and the amateur can't merely because of the amateur's reticence in making progress in this line, someday we're likely to see a national CB magazine with the title, "The CB EXISTS BECAUSE OF THE SERVICE IT RENDERS."

Think it over! There's many CB's right now as there are amateurs. What about a few years from now?

W3NL

CHANNEL CHATTER.....

Crystals for sale at \$2.00 per set one for channel one and one for channel two....pick them up from the Treasurer VCE.....Mobile Field Day winners were feted on September 21st a dinner given by the losers was held at Blue Bell Inn prior to the mid-month meeting..... Mid-month at W3YJM's and a good time was had by all with some of Sue's good cake and coffee to top it off.....VVS looking for schematic and instructionbook for Rider ChannelistIRS heard Phil-mont Net while up in Quebec, nice going Frenchy.....Banquet November 12th at the Wm. Penn Inn.....Next Mid-month at W3WNC's.....W3NIP was in hospital with back injury, is now home every time a pretty nurse walked by the Nipper reinjured the injury, ts! ts! Peggy now taking over and things will improve.....At mid-month we went over the list of fellows who wore Dunce hats at the last banquet because they were not mobile, a good many of those are now mobile, some have yet to go mobile, the fate this year is even worse, better get the rigs in you guys, don't say I didn't warn you..... VVS was heard working YHV on cw.....OWK on frequency calling for cigarettes and FOG mobile about to oblige.....W3FWI finally made W.A.S., congrats.....PKY in Alaska, George up there freezing and me down here in a sweat trying to get the "BLURB" to press.....Stange Face, W3DJV now on day work after three years, so say W3GIF and K3GNJ, welcome back to the land of the living.....W3DJW walkie-talkie on 75.....K3DJE shack knocked out by "Donna" 2300 volt line fell across the service line.....Looks like "Donna" did other damage too, only 24 members and six visitors out to September meeting or was it due to Labor Day moving the date around????? W3UMK checked in with the Huntington L.I. AREC emergency net after Donna crossed the sound.....Monitor 29.493 it's good for your receiver.....OOPs beg your pardon, I forgot to let you fellows know last month that W3D\$G was the guy what wanted the article "The Rig Here Is...reprinted, sorry Ernie.....

SWAP AND SHOP

FOR SALE - 2 PE 103 Dynamotors, both used
one in excellent condition \$5.00
one in good condition \$3.00

Tom Baxter W3SAA

Zenith Trans-Oceanic Receiver Excellent
50 assorted switches

Contact W3DJW

Gonset Super 12 Converter Excellent \$55.00 K3GNJ

Harvey Wells TBS 50 Transmitter with 110V power supply
\$55.00 K3GNJ

AUCTION

REMEMBER THE DATE OCT. 3, 1960

ALL KINDS OF GOODIES.

COME OUT AND JOIN THE FUN

AUCTION

ANNUAL PHIL-MONT

AUCTION

AT

FRANKLIN INSTITUTE

22ND & PARKWAY

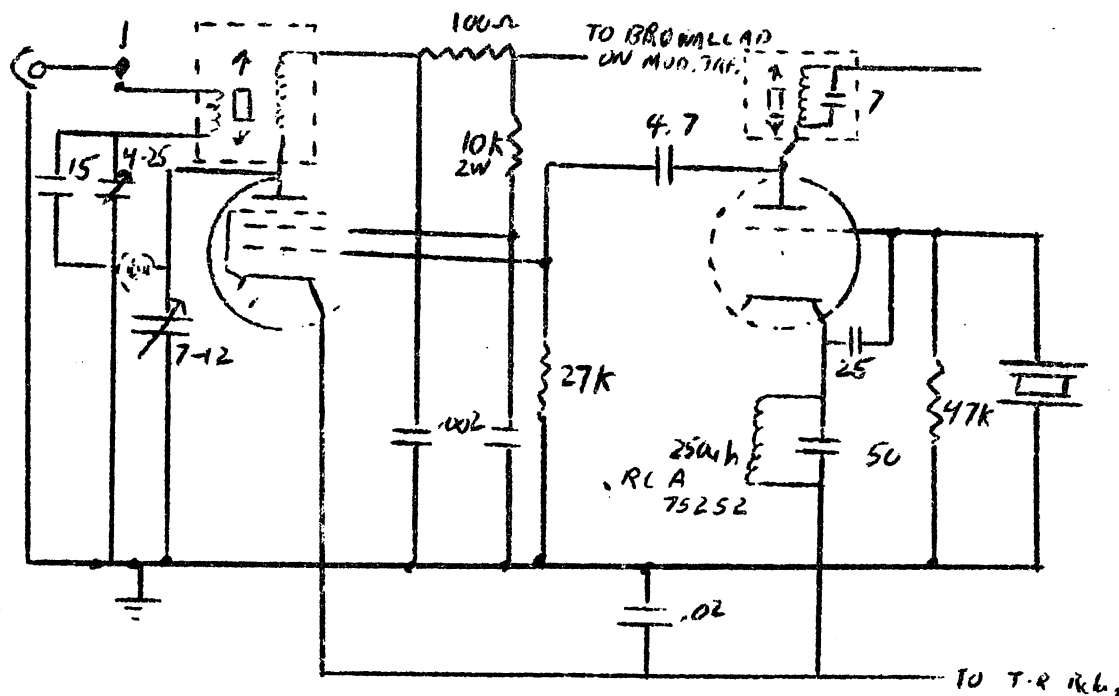
OCTOBER 3, 1960

8:00 PM

PHIL-MONT-
TEK-NI-GRAM
MODIFICATIONS ON THE HEATH 10 and 11 METER TRANSCEIVERS

In the past year the Heathkit CB-1 and "Tanner" have found wide acceptance among Hams as inexpensive mobile and portable rigs. Recently shipment has begun on the GW-10, a Citizens Band Transceiver, which uses a superhet receiver circuit which will in all probability be well adaptable to the 10 meter band. Modification of the receiver circuit of this new unit is being studied, and I hope to have some suggestions on it in a later issue of the Tek-ni-gram.

The transmitter sections of all three units are for our purposes identical. The only major difference between the older and newer units is that in the GW-10 the oscillator and rf coils are in shielded cans. The circuit below shows modifications designed by John Lopez, W3GJF which should make these units much more useful on the "ham bands".



In the oscillator section the grid is by-passed to the cathode with a 25 mmf cond. and the cathode lead is opened and a 50 mmf cond. and a 250 uh (RCA Part No. 75252) are placed in it in parallel. If the oscillator tank uses a 12mmf it is replaced with a 7mmf to permit broader tuning of this coil. For convenience a Xtal socket is placed on the front panel and connected to the existing socket with 300 ohm TV antenna lead. With this modification 40 meter Xtals can now be used.

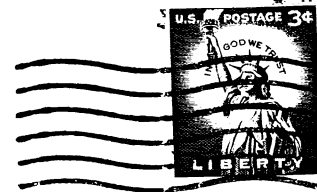
In the final, three modifications can be made; 1) remove the existing condenser across the tank coil and connect a 7-12 mmf air trimmer between the neon rf indicator and ground, mount this on the front panel and the final can be tuned without opening the case; 2) Open the lead from the link to ground and place in parallel a 15 mmf and a 4-25mmf trimmer, this will permit variable loading; 3) Changing the B+ lead to the final from the blue to brown lead on the modulation transformer should increase the modulation and permit loading the final to about 6 1/2 watts.

"THE BLURB"

A Phil-Mont Mobile Radio
Club Publication

2242 Cambridge Road, Broomall, Pa.
October 1960

RETURN POSTAGE GUARANTEED
FORM 3517 Requested



TIME VALUE

Meeting Notice

C. R. Spencer **W3QGH**
124 Central Ave.
North Hills Pa. R